

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently amended.) An indicator device for visually indicating a pressure of blood inside a blood vessel, comprising:

a body comprising a passage passing through the body, the body further comprising a duct extending in the body and having a hemostatically sealed blood accommodating chamber proximal end;

an insertion tube comprising a distal end portion adapted to be positioned inside the blood vessel and comprising a fluid communication pathway between a liquid inlet opening near a distal end of the insertion tube and in fluid communication with the duct; and

a window comprising an at least semi-transparent section configured to enable visual observation of blood entering into the duct via the inlet opening when the inlet opening is located inside the blood vessel;

and wherein the passage and the fluid communication pathway are adapted to permit a member to be threaded in a substantially straight path there through between a distal end and a proximal end of the indicator device.

2. (Cancelled.)

3. (Currently amended.) The device as claimed in claim 2 1, wherein the duct opens into the chamber via an aperture having a spill-over edge, the aperture being located at a level above a bottom surface of the blood accommodating chamber, whereby return flow of blood back into the duct is prevented.

4. (Currently amended.) The device as claimed in claim 2 1, wherein the blood accommodating chamber is located in the body, and wherein the body further comprises an the insertion tube extending distally of the body.

5. (Currently amended.) The device as claimed in claim 4, wherein the inlet opening is located on a side of the insertion tube.

6. (Currently amended.) The device as claimed in claim 2 1, wherein the duct extends vertically to an aperture opening into the blood accommodating chamber.

7. (Currently amended.) The device as claimed in claim 2 1, wherein the duct extends horizontally above the blood accommodating chamber to an aperture opening into the blood accommodating chamber.

8. (Original.) The device as claimed in claim 1, wherein the duct exhibits a varying cross-section over its length.

9. (Currently amended.) ~~The device as claimed in claim 8,~~ An indicator device for visually indicating a pressure of blood inside a blood vessel, comprising:

a body, the body comprising

a duct extending in the body and having a hemostatically sealed blood accommodating chamber at a proximal end;

a distal end portion adapted to be positioned inside the blood vessel and comprising a liquid inlet opening in fluid communication with the duct; and

a window comprising an at least semi-transparent section configured to enable visual observation of blood entering into the duct via the inlet opening when the inlet opening is located inside the blood vessel;

wherein the duct exhibits a varying cross-section over its length;

~~wherein the sealed proximal end of the duct comprises a blood accommodating chamber, and~~ wherein the duct becomes narrower in the direction towards the blood accommodating chamber.

10. (Currently amended.) The device as claimed in claim 8, ~~wherein the sealed proximal end of the duct comprises a blood accommodating chamber, and~~ wherein the duct widens in the direction towards the blood accommodating chamber.

11. (Original.) The device as claimed in claim 8, wherein the duct first becomes narrow and then widens.

12. (Original.) The device as claimed in claim 8, wherein the cross-section varies within the window.

13. (Original.) The device as claimed in claim 1, wherein the duct is helically shaped.

14. (Original.) The device as claimed in claim 3, wherein the blood accommodating chamber and the duct are dimensioned such that a counter-pressure therein when blood enters will cause a blood meniscus at a lowest possible systolic pressure to be located within the window.

15. (Currently amended) ~~The device as claimed in claim 14,~~ An indicator device for visually indicating a pressure of blood inside a blood vessel, comprising:

a body, the body comprising

a duct extending in the body and having a blood accommodating chamber at a hemostatically sealed proximal end;

a distal end portion adapted to be positioned inside the blood vessel and comprising a liquid inlet opening in fluid communication with the duct; and

a window comprising an at least semi-transparent section configured to enable visual observation of blood entering into the duct via the inlet opening when the inlet opening is located inside the blood vessel;

wherein the duct opens into the chamber via an aperture having a spill-over edge, the aperture being located at a level above a bottom surface of the blood accommodating chamber, whereby return flow of blood back into the duct is prevented;

wherein the blood accommodating chamber and the duct are dimensioned such that a counter-pressure therein when blood enters will cause a blood meniscus at a lowest possible systolic pressure to be located within the window;

wherein the blood accommodating chamber and the duct are dimensioned such that a counter-pressure therein when blood enters will cause a blood meniscus at a lowest possible systolic pressure to be located approximately at the spill-over edge.

16. (Original.) The device as claimed in claim 14, wherein the meniscus is essentially perpendicular with respect to a direction of flow in the duct.

17 to 19. (Cancelled.)

20. (Currently amended) A method for visually indicating a pressure of blood inside a blood vessel, comprising:

(1) providing an indicator device comprising

a body, the body comprising a passage passing through the body and a duct extending in the body and having a blood accommodating chamber sealed proximal end,

an insertion tube comprising a distal end portion adapted to be positioned inside the blood vessel and comprising a fluid communication pathway between a liquid inlet opening near a distal end of the insertion tube and ~~in fluid communication with~~ the duct, and

a window in the form of an at least semi-transparent section configured to enable visual observation of blood entering into the duct via the inlet opening when the inlet opening is located inside the blood vessel[[:]],

and wherein the passage and the fluid communication pathway are adapted to permit a member to be threaded in a substantially straight path there through between a distal end and a proximal end of the indicator device;

- (2) positioning said distal end portion inside the blood vessel; and
- (3) indicating said pressure.